

## **INFORMATION DISCLOSURE CITATION**

 ✓ Walter L. Ritter

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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**Complete if Known**

Application Number	10/087,772
Filing Date	March 5, 2002
First Named Inventor	Masakazu SUZUKI et al.
Art Unit	2176 2635
Examiner Name	Unknown U. Shah
Attorney Docket Number	04329.2756-00000

**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
US		Srihari, R. K. et al., "Incorporating Syntactic Constraints in Recognizing Handwritten Sentences," PROCEEDINGS OF THE THIRTEENTH INTERNATIONAL JOINT CONFERENCE ON ARTIFICIAL INTELLIGENCE, Morgan Kaufmann Publishers, San Mateo, CA, USA, Vol. 2, Pgs. 1262-1267, August 28, 1993.	
US		Blostein, D. et al., "Computing with Graphs and Graph Transformations," SOFTWARE PRACTICE & EXPERIENCE, John Wiley & Sons Ltd. Chichester, GB, Vol. 29, No. 3, Pgs. 197-217, March 1999.	
US		Twaakyondo, H. M. et al., "Structure Analysis and Recognition of Mathematical Expressions," DOCUMENT ANALYSIS AND RECOGNITION, 1995, PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON MONTREAL, QUE., CANADA 14-16 AUGUST 1995, LOS ALAMITOS, CA, USA, IEEE Comput. Soc., US, Vol. 1, Pgs. 430-437, August 14, 1995.	
US		Chang, Chao-Huang, "Word Class Discovery for Postprocessing Chinese Handwriting Recognition," PROC 15TH INT. CONF. ON COMPUTATIONAL LINGUISTICS - COLING 1994, Pgs. 1221-1225, August 5, 1994.	
US		Tourmit, J. Y. et al., "A Hierarchical and Recursive Model of Mathematical Expressions for Automatic Reading of Mathematical Documents," PROC. OF THE 5TH INT. CONF. ON DOCUMENT ANALYSIS AND RECOGNITION, ICDAR '99 (CAT NO. PR00318), IEEE Comput. Soc., Los Alamitos, CA, USA, Pgs. 119-122, September 20, 1999.	
US		Hunsinger, J. et al., "A Single-stage Top-down Probabilistic Approach Towards Understanding Spoken and Handwritten Mathematical Formulas," PROC. 6TH INT. CONF. ON SPOKEN LANGUAGE PROCESSING - China Military Friendship Publishers, Vol. 4, Pgs. 386-389, October 16, 2000.	
US		European Search Report for European Patent Application No. 02004377 from the European Patent Office dated February 2, 2005.	

Examiner Signature	<i>WPC</i>	Date Considered	6/20/05
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